



FIRE, SAFETY AND SECURITY COORDINATORS OF Y-12 PLAN SPRING CLEAN-UP WEEK campaign with Fire Chief W. O. Elam, seated in right foreground, and Capt. E. F. Greer, standing in rear. The coordinators, from left, are Robert Devinish, ANP; H. P. House, Analytical and Materials Chemistry; W. S. Herron, Chemical; Lee Bagwell, substituting for James Whitcomb, Industrial Relations; B. H. Strunk, Manufacturing Office; Carl Roddy, Engineering; Nelson Tibbatts, Maintenance; J. E. Keeton, Isotope Research and Production; and C. P. McWright, Biology. L. E. Parsons, Electromagnetic Research, was not present when picture was made.

Most Stable Isotope Shipments Made From Y-12 During March

72 Consignments Are Shipped To 12 Laboratories Throughout Nation For Use In Scientific Research

The largest number of shipments in any one month of stable isotopes produced in Y-12 was sent out during March when 72 consignments were dispatched by the Isotope Research and Production Division. The isotopes were sent to laboratories of the Atomic Energy Commission and those of private institutions for use in scientific research.

The March record far exceeds the previously largest number of shipments—53 made in November, 1950, and the 57 shipments sent out in February of this year.

Argonne Gets Most

During the month of March the 72 shipments of stable isotopes produced in Y-12 were sent to 12 different laboratories. The Argonne National Laboratory of the AEC in Chicago topped the list by receiving 19 consignments of various stable isotopes of lithium, nickel, titanium, neodymium, zirconium, strontium, tin, tellurium and barium.

The Oak Ridge National Laboratory was second in receiving shipments, getting 15, while the Brookhaven National Laboratory, another AEC institution, got 13 shipments. Included in these shipments were stable isotopes of neodymium, hafnium, samarium, strontium, zinc, iron, cerium and selenium.

Washington University Gets Six

Washington University, of St. Louis, Mo., was the largest recipient of shipments to privately owned institutions. It received six consignments while Columbia University got five and Kansas State College four. Ohio State University was sent three consignments and the University of Michigan two, as was Yale University. The Massachusetts Institute of Technology, the University of California Radiation Laboratory and Rice Institute each got one shipment.

The largest shipment of the month was one of 3,002.7 milligrams of Tellurium 130 to Columbia University.

Virginian Will Speak At Meeting Of ACS

A young University of Virginia scientist, Dr. Allen T. Gwathney, will speak at the monthly meeting of the East Tennessee Section of the American Chemical Society next Thursday night, April 19. The meeting will be held at 8 o'clock at Dabney Hall, University of Tennessee, Knoxville, and will be preceded by a dinner at 6:45 o'clock at the S. & W. Cafeteria.

Dr. Gwathney will speak on "The Study of Surface Reaction With The Aid of Large Metal Crystals." He is a graduate of both the University of Virginia, where he now teaches, and of Virginia Military Institute.

Dr. Gwathney also is scheduled to speak at Chattanooga and Bristol.

SAFETY SCOREBOARD

Your Plant Has Operated

47 Days

Without A Lost Time Accident

Thorough April 8

Paul Ziemke Will Preside At Safety Institute Session

Paul C. Ziemke, of the Y-12 Safety Department, will preside at one session of a two-day Industrial Safety Institute to be held Thursday and Friday of this week at the University of Tennessee in Knoxville. He will officiate at the Friday meeting when the entire day will be devoted to lectures and demonstrations of industrial safety applications with emphasis on explosion and asphyxiation hazards.

The institute is being sponsored jointly by the East Tennessee Chapter of the American Society of Safety Engineers and the University of Tennessee department of industrial engineering. Meetings will be held at the Ferris Hall auditorium at the university and a banquet will be given Thursday night at the Farragut Hotel.

Handsome, Informative Illustrated Booklet on Union Carbide Products, Processes Free for Y-12'ers at The Bulletin Office

A handsome and informative booklet—Products and Processes of Union Carbide and Carbon Corporation—is available absolutely free of charge to every Y-12ers who will take time to drop around to the office of The Bulletin, North Portal and pick up a copy. Beautifully printed and attractively laid out—the 32-page booklet is crammed with valuable information and pictures about the work of Union Car-

bide and its subsidiaries in the United States and Canada.

The booklet points out that the activities of Union Carbide reach into the basic sciences of five different fields—alloys, carbons, gases, chemicals and plastics. Separate sections of the book are devoted to each of these fields. Union Carbide, it is stated, differs from most other corporations in that the starting points of nearly

Better Appearing And Safer Y-12 Is Aim Of Spring Clean-Up Drive Beginning In Plant Next Monday

Some Groups Get Jump On Campaign With Plans For Good Housekeeping Year Round; Coordinators, Safety Committees, Supervision To Work Together

Getting the jump on the scheduled opening of the April 16-22 Spring Clean-Up Week in Y-12, plans were launched in several divisions and departments last week for the annual campaign which has for its objective not only cleaning up the plant area from end to end but also to make it a safer and more pleasant place in which to work. By the time the movement shifts into high gear Monday morning, the task of making Y-12 spic and span throughout is expected to be well under way.

Fire, Safety and Security Coordinators from all divisions in Y-12 met last Thursday morning at Fire Department headquarters with Fire Chief W. O. Elam and Capt. E. F. Greer to lay plans for coordinating the campaign. After studying and discussing the general plan for Clean-Up Week all expressed confidence that employees throughout Y-12 would cooperate fully in the work.

The coordinators, who will work with Supervision and Division and Departmental Safety committees in the drive, are B. H. Strunk, Manufacturing Office; Nelson L. Tibbatts, Maintenance; W. S. Herron, Chemical; C. H. Roddy, Engineering; J. R. Whitcomb, Industrial Relations; H. P. House, Analytical and Materials Chemistry; C. P. McWright, Biology; L. E. Parsons, Electromagnetic Research; J. E. Keeton, Isotope Research and Production; and Robert Devinish, ANP.

Need For Campaign Stressed

At the meeting it was pointed out that the recent additional work taken on in Y-12 that has required considerable remodeling and extra working time by many employees has made the need for a general clean-up campaign even greater than in past years so that fire and accident hazards that might have been created during the past several months may be eliminated.

The theme to be stressed throughout the plant during Spring Clean-Up Week will be that a clean department is a safe one. Efforts will be made to stress the need for the good housekeeping to be maintained on a year around basis—with a place for everything and everything in its place. This means cleaning up and picking up after every job.

Hazards Elimination Objective

To correct any existing hazardous conditions in Y-12, the plant program calls for removal of all waste and rubbish that has accumulated during the winter, disposal of all surplus, obsolete and

Continued on Page 4

Group Insurance 1950 Dividends Coming Friday

Returns to Eligible Employees To Be More Than For Last Year

Carbide Group Insurance Plan dividends for the year 1950 will be paid to eligible employees at the three Oak Ridge units and the new Paducah plant on Friday, April 13. The checks for the weekly, hourly and monthly paid employees all will be distributed at the regular pay points in Y-12 during the usual pay hours.

The dividend payment this year to be divided among the eligible employees at Y-12, K-25 and the Oak Ridge National Laboratory as well as the Paducah employees who participated in the Group Insurance Plan last year will total \$142,398.54.

More Than 1949 Payments

The 1950 dividend represents a return of 30.47 per cent of the amount employees paid into the Group Insurance Plan which was subject to the dividend. This is an increase over the return for the previous year, which was 26 per cent. The dividends are to be paid for 1950 for the employee payments up to \$5.80 per month on life insurance between January and August, and on employee payments up to \$10.23 per month on life insurance between September and December.

The 1950 dividend is \$17,250.05 more than the 1949 dividend, which was \$125,068.24. In 1948 the dividend amounted to \$132,370.18 and in 1947 a total of \$96,000 was paid out in this manner.

Benefit Payments Not Included

In addition to the \$142,398.54 to be distributed among eligible Carbide employees Friday in their Group Insurance Plan dividends, employees at the three Oak Ridge units also received a total of \$402,567.10 in insurance benefits under the plan during 1950. The total payments to employees under the Group Insurance Plan during 1950, including dividends and benefit payments, is \$544,965.64.

Total disbursements for 1949 totaled \$584,374.09 and for 1948 they were \$564,812.48.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box P
Oak Ridge Tenn.

GEORGE W. DOBBS . . . Editor

OFFICE
North Portal, Bldg 9701-1
Telephone 7753

Burn Baskets Should Be Used Only As Ruled

Those red, covered burn baskets provided in each office where classified information is handled are placed there for one principal purpose. It is to provide a receptacle for all incomplete copies, notes, carbon paper, rough drafts and other similar material used in preparation of the classified matter and all of which should be torn into shreds before being placed in the burn baskets.

For Classified Matter Only

The burn baskets should not be used for any material not in the classified category. The work load removing the contents of the burn baskets and burning it is now so heavy that the placing of apple cores, peelings, cigarette stubs, remains of lunches and



other foreign matter in these baskets makes it even more irksome. For this reason the cooperation of all Y-12ers in using the burn baskets for the purpose for which they are intended and no other is urged.

When the burn baskets are picked up and emptied by the guard designated for the job they are placed in an upside-down position in the office. The baskets then should not be used after being emptied. If any classified waste material accumulates later it should be placed in locked files or safes for safekeeping overnight.

Notify Guard Department

If burn baskets in any office are not emptied before the close of the work day the Guard Department should be notified or the material in the baskets locked up overnight.

For the convenience of many Y-12ers working on Saturdays, a pickup service for burn baskets has been established for that day in certain buildings only. If it is necessary to expand this service persons desiring it are asked to communicate with the Security Office, Bldg. 9704-2, telephone 7125.

GROVES IS DOUBTFUL

The Philadelphia Inquirer quotes Gen. Leslie Groves, wartime Manhattan District head, as claiming the United States still has a five to 10 year lead over Russia in atomic bomb supply.



There's one Y-12er contemplating buying a new automobile—despite the fact that it will have but four tires. Says he will get his fifth in Clinton. The folks in the Training Department welcome Nell Phipps to the roster.

Paul Posey, of the Medical Department, spent last week vacationing at home in Newport, Tenn. The friends and co-workers of Dr. C. R. Sullivan, Jr. are glad to hear that he is much better and expects to be able to leave the Oak Ridge Hospital this week.

The Plant Engineering Department welcomes John Lynn Noey to its roster. Also get well wishes are extended to Andy Inman who is on the sick list.

Arthur Rogers, of the Guard Department, is vacationing for two weeks at home in Knoxville.

C. A. McAlister, of the Laundry Department, and his family have moved into a new home in Knoxville.

C. B. Newman, of the Electrical Maintenance Department, and his wife spent the week end in Florida, where they visited their daughter who is attending the Florida Christian College.

J. W. Scarbrough vacationed last week at home in Oak Ridge. Get well wishes are extended to Gordon E. Fielden, who has been ill for quite some time, and to W. G. Biggers, who is still on the sick list.

J. B. Johnson took advantage of his vacation last week to start building on his new house. S. B. Ward is vacationing for two weeks in South Carolina, and plans to visit the Aiken project while there. C. L. Jones is recuperating from a recent appendectomy. William Hinkleman's co-workers are glad to see him back to work after a recent illness.

K. O. Johnsson of the Material Chemistry Division, and his family are vacationing in Miami, Fla., this week. The friends and fellow workers of John Redman wish him a speedy recovery from minor injuries received last Sunday—April Fool's Day—in an automobile accident here in Oak Ridge. No foolin'.

Pat Ravage, of the Isotope Research and Production Division, is vacationing in Miami, Fla., this week. Bill Prater and his family spent last week's vacation in and around St. Petersburg, Fla., where Bill planned to spend most of his time fishing in the Gulf of Mexico along the West Coast. The friends and co-workers of Paul Hageleston wish him good luck in his new job with the AEC. The department welcomes Hank Buttram, R. O. Hutchison, Frank Knox and Dr. T. N. McVay back to work after having the flu. George Werner and his wife are visiting her parents in Charleston, S. C., while on vacation this week.

W. T. Galyon, of the Fire Department, says he plans to do the spring plowing while vacationing at home in Harriman, for two weeks.

The Chemical Department and friends of Lee Pruitt wish to extend their sympathy over the death of his mother last week in Porterville, Cal. also get well wishes are extended to Wylie T. McGee, who is in the Oak Ridge Hospital. The department is glad that X. D. Raines is able to be back at work after a recent illness.

Harold Babb, of the Maintenance Shops Department, had as recent guests, his brother, Pfc. Dennis Babb, from Ft. Sam Houston, Tex., his brother, James, from Columbia, Tenn., Mr. and Mrs. Bruce Fox, from Ohio, and Mr. and Mrs. James Stooksbury, of Oak Ridge, Tenn. (The Babb residence must have been just babbling over). Best wishes are extended to Russell Hopper and Inez Tropp, of the Analytical Lab-

oratory Department, who were married March 28, by the Rev. Frank Porter at the Methodist Parsonage.

Get well wishes are extended to J. D. McGuffin, of the Stores Department, who is ill with the flu.

The Property Sales Department extends get well wishes to B. A. Sheppard after a recent tonsilectomy.

M. R. Redmon, of the Receiving and Shipping Department, is spending a two-week vacation at home in Wartburg, Tenn. Ralph Redmon is vacationing this week at home in Oak Ridge, Tenn. Get well wishes are extended to Fred Sherrod, who is suffering with tonsillitis.

Mary Brown, of the Health Department, spent last week vacationing with her husband, who is home on leave from the navy. The Reactory Technology Division extends get well wishes to G. A. Gifford and R. B. Gallaher, who are ill with the flu. The department welcomes Helen Barker back after a seige of the flu last week. Dr. R. N. Lyon, W. S. Farmer and Maj. A. R. Frithsen were in Washington last week.

Otto Briscoe and Neil Goodwin, of the Assay Laboratory Department, spent last Friday night at Otto's cabin over on Watts Bar Lake. The department welcomes Alma Condrey, a former employee, back to the roster. Annie Rogers spent the week end at home in Bristol, Tenn. Neil Leonard went over to Rogersville for the week end. Doris Brogan spent the week end at home in Middlesboro, Ky.

Mrs. Virgil Rains, Jr., of the Security Department, was honored by a miscellaneous shower Saturday afternoon at the home of Mr. and Mrs. Virgil Rains Sr., in Clinton. Miss Mary Nelle Rains and Mrs. Christine Whitehead were hostesses for the shower.

April 10-16 is to be observed as "Large Size Week." Any candidates? Also—believe it or not—National Laugh Week and National Leave Us Alone Week immediately followed April Fool's Day. Oh well—

April 10-16 is to be observed as "Large Size Week." Any candidates? Also—believe it or not—National Laugh Week and National Leave Us Alone Week immediately followed April Fool's Day. Oh well—

AEP Is Planning Refresher Courses In Mathematics

In answer to a number of requests, the Oak Ridge Adult Education Program is planning to install a refresher course in higher mathematics. The course, if installed, will include college algebra, analytical geometry and calculus, according to Archie C. Keller, director of the AEP.

Any Y-12 interested in enrolling in such a course for any of the proposed subjects is urged to attend a meeting to be held in Room 154, Oak Ridge High School, at 7 o'clock tonight, Wednesday, April 11. Further details on the proposed refresher, or "cram" course, may be obtained from the AEP Office, high schooling building, telephone 5-2889.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Robert Helton, Isotope Research and Production; Ernest W. Palmer, Field Maintenance; Robert Mason and Clyde V. Haney, Product Chemical; Edward G. Gardner, Maintenance Shops; Wylie T. McGee, Chemical; Charles L. Jones, Electrical Maintenance; Mary L. Brewer, Analytical Laboratory; Dr. Charles L. Sullivan, Medical.



Y-12 Photo By Vince Moore
WILLIE FOWLER AND HIS RIDGE RIDERS ARE FAMILIAR at Oak Ridge functions where Hawaiian or boogie-woogie music is desired. The musical group, led by Fowler, of the Y-12 Maintenance Shops Department, second from left, has played at club and civic meetings and also performed over Oak Ridge Radio Station WATO and other broadcasting stations. At left is Jimmy Tatum, violin, of K-25; and on Fowler's left are Sonny Smith and Paul Stennett, another K-25 employee.



CRAIG - HULL

Miss Jean Marie Hull, of the Y-12 Research Engineering Department, was married to Raymond Love Craig, Jr., a junior in the University of Tennessee College of Law, at 4:30 o'clock last Thursday afternoon, April 5. The ceremony took place at the Magnolia Ave. Baptist Church, Knoxville. The Rev. Paul P. Martin, pastor of the Knoxville church, and the Rev. R. W. Cousar, pastor of the Central Presbyterian Church of Chattanooga, officiated.

The bride is the daughter of Mr. and Mrs. Paul Lannis Hull, 245 Elmwood St., Knoxville. Parents of the groom are Mr. and Mrs. Raymond Love Craig, Sr., 6 Brooks Ave., Chattanooga.

The bride was given in marriage by her father and during the ceremony nuptial music was presented by Miss Mary Charlotte Swann, organist; and Charles Hobby, vocalist.

At her wedding Mrs. Hull wore a gown fashioned of Chantilly lace and slipper satin. Pearls outlined the neck of the bodice, which had long sleeves ending in points over the hands. The gathered skirt had inserted lace panels and a lace cathedral train edged in satin cord. The headpiece was heart-shaped and made of matching lace and satin cord with a finger-tip veil of French illusion. She carried an open prayer book with a white orchid and white violets.

Maid of honor was Miss Bettye Hull, sister of the bride. Her gown was fashioned with a white eyelet bodice with a deep violet skirt and a bouffant over-skirt of white net. A net stole and a deep violet ribbon sash completed her costume. Her headpiece was of matching ribbon with a white cage veil. She carried a white lace fan with purple violets.

Miss Cynthia Craig, sister of the groom, was junior attendant. Bridesmaids were Mrs. Robert Earl Maloney, Knoxville, sister of the bride; and Mrs. Jack Hazen Hinds, Nashville. The attendants' gowns were fashioned similarly to that of the maid of honor in pale lavender. They also carried lace fans and purple violets.

The father of the groom was best man. Ushers were Richard Clark, Chattanooga; Norman Schlemmer, Herbert Mayer and John Cogle Tarvin, all of Knoxville; and Lee Wallace, Johnson City. All are Sigma Chi fraternity brothers of the groom.

A reception was held at the home of the bride immediately following the ceremony.

Out-of-town guests included Miss Emily Gilmer, Mr. and Mrs. J. A. Gilmer and family, Bristol; Mrs. H. D. Satterwhite, Lynchburg, Va.; Mrs. John Minnick, Abingdon, Va.; Mr. and Mrs. J.

Former Associate Editor Of Bulletin In Air Force

First Lieut. Robert A. Burgin, Jr., former associate editor of The Bulletin, has been called into active service by the United States Air Force. He held a reserve commission as first lieutenant after serving in World War II.

Lieutenant Burgin expects to report for duty the latter part of April to the Special Weapons Command at Kirkland Air Force Base, Albuquerque, N. M. Although probably doing considerable flying he is expected to become a public relations officer at the Kirkland Field installation.

Burgin came to work on The Bulletin June 1, 1948, after graduating from the journalism school of the University of Tennessee. He left in February, 1949, and since then has held the post of information specialist at the Oak Ridge Institute of Nuclear Studies. He is married and the father of a young daughter.



Two Y-12 employees were listed as parents of babies born recently at the Oak Ridge Hospital. They were George R. Peterson, Materials Chemistry Division, who became father of a boy born March 30; and Harry G. King, Analytical Laboratory, who became father of a girl born April 2.

First St. Bus Stop Moved To Eliminate Traffic Hazard

A potential traffic hazard in Y-12 was eliminated last week when the bus stop on the north side of First St. at the North Portal Road previously marked only by a sign, was moved to a point directly opposite the Dispensary building. This move affects west-bound bus traffic only and does away with pedestrians having to cross First St. and the North Portal Road.

Bus passengers from the North Portal area wanting to catch west bound busses will find the closest stop now at the foot of the walk running directly to Bldg. 9704-1 instead of the diagonal walk leading to the intersection of North Portal Road and First St.

Frank Kollsmansperger and family, Chattanooga; Mr. and Mrs. C. P. Craig, Nashville; and Mrs. W. M. Martin, Meridian, Miss.

Mrs. Craig is a graduate of the University of Tennessee and the groom graduated from McCallie School, Chattanooga, before entering the University of Tennessee.

Y-12 SPORTS NEWS



ON TOP ALL THE WAY WERE THE STRIKERS BOWLING team, champions of both halves of the D League schedule this season and automatically seasonal champions. From left are Frank Gragg, Fred Kappelmann, G. D. Whitman, Bill Burns and Paul Petrezky. Insert at top left is Arnold Tiller and top right is Ray Duckworth, also squad members.

Strikers Clinch Season's Championship In D Bowling League With Whitewash Win

The Strikers of the D League clinched the league title Tuesday, April 3, by taking four points from the Isotopes. The night's victories gave them a nine point lead over two teams tied for second place, which assured them of the second half title to match the one they won in the first half of league play. The Old Men won four points from the Pick Ups, the Toppers won four from the Splinters and the Cermets took three from the Angstroms in other matches last week.

Elbert Scott of the Toppers had the high scratch single game with 203. Ira Hogg of the Toppers had the high handicap single game with 253. Fellow Topper John Watts had the high scratch series of 539 and his 674 handicap series was first high for this half of league play.

The Strikers had the high scratch scores with a 853 scratch single and a 2490 scratch series. The Toppers collected the handicap honors with a 1027 single game and a 3008 series high for this half of league play.

League standings follow:

Teams	W	L	Team	W	L
Strikers	39	17	Isotopes	27	29
Pick Ups	30	26	Cermets	26	30
Old Men	30	26	Toppers	24	32
Angstroms	28	28	Splinters	20	36

Rides Wanted And Offered

RIDE WANTED — From Cecil Ave., North Knoxville, to Y-12, straight day shift. H. J. Nelson, telephone 7102.

WANTS TO SHARE ALTER-NATE RIDE AND DRIVE POOL — From 109 Vanderbilt Ave., Oak Ridge Garden Apartment area, to Y-12, straight day shift. William Richards, telephone 7531.

RIDERS WANTED — Have room for four passengers from Maryville and Alcoa, two shifts, 7 a. m. and 3 p. m. to 11 p. m. Walter W. Pugh, Bldg. 9203 telephone 7436.

RIDE WANTED — After May 10 from Merchants Road on Clinton Pike to and from Y-12, straight day shift. Mrs. Janus Ellenberg, telephone 8-9661, Ext. 305.

SOME USES OVERLOOKED

In a recent issue, Newsweek magazine says speculation about atomic charges for artillery and missile warheads has obscured two important probable uses for small atomic shapes. They are said to be in depth bombs and for extra propulsion for long-range guided missiles.

Druggist, to hung-over Hank: "Want me to fix you a seltzer?" Hank: "Oh, no, not that! I couldn't stand the noise!"

Rippers Boost Lead; Pletz Sets New Marks

A four point win by the Rippers of the B League over the Bums Thursday, April 5, gave them a six point lead over the second place Wolves. In the other matches the All Stars won three from the Cubs, the Comets won three from Maintenance, One-91 won three from the Tigers, the Head Pins won three from the Wasps and the Wolves split two and two with the Bumpers.

Rudy Pletz of the Comets aided his team in its victories by setting new highs in all individual departments on a night generally marked by high scoring. In scratch single game Pletz had a 243, followed by John Schmitt of the Bums with 232, third high for this third of league play. Pletz had a 268 handicap game, Schmitt had a 266 second high and C. Smith of the Cubs had a 258 fourth high for this third. In the scratch series department Pletz had a 649. In the handicap series Rudy again led the pack with 724. Following him were John Schmitt of the Bums with a 656 second high, Walt Sherrod of the Wolves with a 649 third high and Elmore Koons of the Rippers with a 646 fourth high.

The Rippers took all the team highs, setting new highs in scratch and handicap single games. Their scratch single was 996, with a handicap single of 1113. The Wolves set a new second high in handicap single game with a 1038. The Rippers had a 2660 scratch series and a 3001 handicap series. The Head Pins had a 2937 handicap series, third high for this third.

League standing follows:

Teams	W	L	Teams	W	L
Rippers	27	5	Wasps	14	18
Wolves	21	11	Bumpers	13	19
Bums	20	12	One-19	13	19
All Stars	19	13	Head Pins	13	19
Comets	17	15	Figers	12	20
Cubs	15	17	Maintenance	8	24

Kemps Near Title In W Pin League; Conquer Controllers

The Kemps of the W League won three games from the Controllers Tuesday, April 3, to increase their lead over the second place Cracker Jax. The Cracker Jax won two from the Hi Balls and the Woes won two from the Mix-Ups.

The Kemps' victories gave them a four point lead over the second place Cracker Jax and left the Cracker Jax and the High Balls as the only teams with a mathematical chance to win the second half title. The winner of the second half will play the first half champion Woes for the league title.

Mavis Koons of the Kemps had the high scratch game of 190, second high for this half. Verna Peckman of the Controllers cleaned up the other individual honors with a 239 handicap single high for this half, a scratch series of 474 and a 639 handicap series, second high for this half.

The Cracker Jax had the high handicap single game with 989. The Kemps had the other honors with a 717 scratch single, a 2037 scratch series and a 2787 handicap series.

League standing follows:

Teams	W	L	Team	W	L
Kemps	27	15	Controllers	21	21
Cracker Jax	23	19	Woes	17	25
Hi Balls	22	20	Mix-Ups	16	26

Y-12 Billiardists Win Over ORNL

The Y-12 team of the Atomic Pocket Billiard League won four points from the ORNL cuemen Sunday, April 8. In the other match the K-25 Carbides moved into first place by winning four from the K-25 Carbons.

Matches scheduled for Sunday, April 15, are K-25 Carbons against ORNL and the Y-12 team against the Y-25 Carbides.



HERE'S PICTORIAL EVIDENCE of that recent fishing trip by C. C. Haws, of Y-12, right, with Don Cline, K-25, and the latter's son, related in Evan "The Hole Truth" Means' column last week. On the jaunt to Norris Haws took his limit for the first time this season while Cline yanked in some nice ones, too. Of the string of 15 large and small mouth bass the Y-12er pulled in 10, including the neat four and one-half pound beauty at the center of the string. The younger Cline served as boatman for the trip.

Four Teams From Y-12 In Women's Pin Meet

Four teams from Y-12 have entered the Oak Ridge women's annual city bowling tournament at the Oak Terrace, April 14-15, 21-22. The teams entering are the Y-12 women's City League team, the W League leading Kemps, the Controllers and Mix-Ups, also from the W League. Nine bowlers from these teams are entered in the double and single events.

The schedule for team bowling is 8 o'clock, Saturday night, April 14, Controllers; 5:30 o'clock, Saturday, April 21, Kemps; 8 o'clock, Saturday, April 21; Mix-Ups and the Y-12 women's varsity.

The schedule for doubles is 4 o'clock, Sunday, April 5, Mozelle, Kennedy and Margaret O'Neal and at 8 o'clock of the same date Mavis Koons and partner 4 o'clock, Sunday, April 22; Olyne Kappelmann and Juanita Reed, Ruth Law and Betty Whitehorn, Oradean Upchurch and Katie Williams.

Singles will be bowled on the same day immediately following the completion of the doubles matches. Alley assignments will be posted at the Oak Terrace.

Plant Summer Bowling Loop May Be Organized In Y-12

Some interest has been expressed in the possibility of having a Y-12 plant summer bowling league. Any teams interested are requested to notify the Recreation Office, North Portal, telephone 7753.

If enough teams enter, the league will be formed. Play will be on the Central Alleys, probably on Thursday nights. A minimum of eight teams are needed.

American Society For Metals Schedules Meeting Tonight

Y-12 members of the Oak Ridge Section of the American Society For Metals are urged to attend the meeting of the organization at 8 o'clock tonight, Wednesday, April 11, at the Knights of Columbus Hall.

Jack Kurtz, president of the Kulike Tungsten Co., will address the meeting. He will speak on "Powder Metallurgy" and place emphasis on tungsten and molybdenum.

Golf Team Managers Will Meet Thursday

Drafting of a schedule and other plans for the opening of the Y-12 Golf League next Monday, April 16, will be discussed by team managers and representatives at a meeting to be held at noon Thursday, April 12, in the Y-12 cafeteria. The meeting will be held in the cafeteria private dining room and golfers attending are asked to obtain their meal and then go on to the room for the session.

Up to last Friday nine teams of the 1950 league had enrolled for play in the loop this season and several more were expected to come in before the deadline for entries was reached at noon on Monday of this week.

The teams already entered include the Four Hundreds, Hooks, Rough Riders, Rippers, Green Rays, Deacons, Four Woods, Left Overs and Bldg. 9212.

Meanwhile play is progressing in the Y-12 ladder competition. This play is offered by the Recreation Office for golfers who because of possible shift work hours might be unable to play on regular league teams. Scores and averages of the ladder competitors will be kept on the same basis as league players and when a Y-12 plant team is selected for outside competition the eight highest ranking players, ladder or team, will be selected.

13 Softball Teams Formed; Expect Drill Dates Soon

Although the season's opening is not expected until around the middle of next month, the balmy days of early April have increased interest in softball and baseball around Y-12 to a high pitch.

A total of 13 teams are reported in process of formation throughout the plant for plant league competition as against only six at this time last year. Several teams already have drawn practice equipment from the Recreation Office for workouts.

A definite announcement on availability of practice fields is expected from the city recreation department some time this week. Work on grading and smoothing the fields will be started as soon as weather permits.

Varsity Bowlers Of Y-12 Whitewash Watch Shop Team

The Y-12 bowlers of the Oak Ridge City Bowling League won four points from the Watch Shop Keglers Monday, April 2. The Y-12ers remained in fourth place two points behind the third place K-25 team. The line scores for Y-12 747, 805, 866 — 2418; for the Watch Shop 720, 749, 755 — 2224.

Ernie Cobble was high for the Y-12 team with a 164, 179, 180 — 523. Following him were Elmore Koons with 131, 181, 182 — 494; Walt Sherrod with 172, 150, 160 — 482; Nelson Tibbatts with 133, 161, 173 — 467 and Conrad Roberts with 147, 134, 171 — 452.

POPULAR MECHANICS EDITOR INTERESTED IN 'BOTELLE' STORY

The nationally-circulated and widely read magazine—Popular Mechanics—has asked R. T. "Bud" Abbott, a welder in the Y-12 Maintenance Shops Department, for more details, sketches and photographs of his "botelle," described in The Bulletin a couple of weeks ago. Arthur R. Railton, assistant editor, wrote a personal letter to Abbott in which he said he had read the story about the "botelle" in the Y-12 paper and asked for the further information on which to base a magazine story.

**CARBIDE AND CARBON
CHEMICALS COMPANY**
A Division Of
Union Carbide And Carbon Corporation
P. O. Box P.
Oak Ridge, Tenn.
(RETURN POSTAGE GUARANTEED)

Sec. 34.66, P.L.&R.
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 3

Superstitious? It's Friday The 13th This Week—But Jinx On Accidents Can Be Whipped Here Then And Any Other Time

Superstitious?

Well, Friday of this week will be one of those "Friday The 13th" dates for the year. There are going to be two of them—the next coming in July.

Now that this momentous news has been revealed—file it under "Facts to be Forgotten."

Whether you Y-12ers are superstitious or not—the accident jinx can be whipped here and

elsewhere on Friday The 13th or any other day. Just carry two open eyes, two careful hands and one head loaded with common sense and safe practices as taught by Y-12 Supervision. These are parts of your body to be kept intact by observing safety rules and regulations of the plant—and they don't have to be shot off a rabbit in a graveyard when the moon is full.

A survey of "popular superstitions" some time ago revealed that even in this enlightened age of scientific progress a substantial number of Americans have pet superstitions. The most common are:

1. Avoid crossing the path of a black cat.
2. Don't walk under a ladder.
3. The number 13 is unlucky.
4. Toss spilled salt over the left shoulder.
5. Knock on wood.
6. Broken mirror announces ill fortune.

Okay—let's look them over—there are perhaps some extenuating conditions that make them really bad luck omens.

1. Particularly if the kitty has white stripes up its back.
2. Maybe some guy has left a can of paint hanging on it that will easily topple over on the unwary soul below.
3. Well, there's the case of the Y-12er (really true) who graduated from high school on Friday The 13th of June, 1913, was the 13th member of a class of 13 to receive his diploma. (He's still around.)

4. Admittedly, there is no sensible answer to this one.
5. Watch out for splinters.
6. Sure—if it bops you on the head on the way down.

Some of the answers show how the six listed superstitions really are just fallacies after all—probably resulting from coincidences that somehow sooner or later became accepted.

Let's forget about 'em.

Debunking . . .

Don't walk under a ladder," he said. "Bad luck."

I shook my arm loose. He shrugged and looked at me as if I didn't know any better and began to climb around the ladder. His foot struck against it. The ladder shook and a heavy hammer dropped from the top rung. It just missed my head.

"Who left that ladder there?" I asked. "And who do you suppose left a hammer hanging on that rung?"

"I did," he said. "I'm going to need it after lunch."

"If you live that long," I said, "You'd better trade in your old superstitions and get some new ones."

. . . The Bunk

"Look out!" I yelled as I saw him start between two uncoupled box cars standing on the railroad siding. The locomotive down the tracks backed into the train of cars. The coupling between the two cars clanged together.

"Man," I said, "it nearly got you that time."

"What you worrying about?" he said. "I made it, didn't I?"

"But why didn't you walk around? That free car was the last one on the track. You could have gone around it."

"Oh no, I couldn't, I was going to, but just as I start around, a big black cat came out from under it and walked right across my path. So I went between the cars. Never let a black cat cross your path. It's bad luck."

25 TARGETS FEARED

Ed Sullivan, writing in the New York Daily News, has reported that Washington believes in the event of atomic war, Russia would try to hit 25 key United States cities with 10 bombs each from the air.

CHINESE BEING TRAINED

Newsweek magazine recently declared that reliable sources behind the Iron Curtain has reported that at least 200 Chinese technicians and mining engineers are receiving factory training in the Soviet zone of Germany.



Y-12 Photos By Vince Moore

NEW OFFICERS OF THE OAK RIDGE POWER SQUADRON are pictured at left, above. Front row, from left, G. J. Angele, of Y-12, commander; R. R. Lowery, K-25, treasurer; R. J. Wertz, K-25, member executive committee. In rear are F. P. Collett, K-25, lieutenant commander; E. D. Shipley, Y-12, member executive committee; A. H. Patterson, K-25 and former Y-12er, secretary; and W. C. Tunnell, Y-12, retiring commander who was selected on the executive committee. R. M. Batch, another former Y-12er and now of K-25, was elected to the executive committee. The officers are admiring an aluminum tray presented by Commander and Mrs. Angele. In the top right picture are Walcott Watson, Y-12; Tunnell, Prof. A. Gombert, Knoxville, organist who entertained the squadron at its annual election meeting; Karl Steinmetz, prominent sportsman of Knoxville; Evan Means, of Y-12; and Commander Angele listening to tall fish stories by Steinmetz and Means. The lower picture shows George Lockhart,



of Y-12, receiving the Concord Park sailing trophy as Commander Angele, left, and George Banic, another Y-12er, look on.

Better Appearing And Safer Y-12 Is Aim Of Spring Clean-Up Drive To Start Monday

Continued from Page 1

unnecessary materials as far as possible, cleaning up of work areas and correction of unsafe conditions that might cause fires or accidents.

As this work progresses, particular attention will be given to have all exits, aisles and stairways kept clear of debris. Free access to all firefighting equipment also will be stressed.

Frequent Inspections Planned

During the Spring Clean-Up Week frequent inspections will be made and an especial form has been prepared for Supervision and departmental safety committees for such inspections. The forms list points to receive attention during the campaign and compliance with every item will insure that the premises so cleaned will be in first class shape.

Cooperation of the Maintenance Division with all others in Y-12 in hauling away debris has been assured. Extra trucks will be assigned to the job during Clean-Up Week and may be obtained from the Transportation Department, telephone 7391. Employees calling for these trucks are urged to have the debris ready for disposition.

Every department in Y-12 that has not yet held its April safety meeting is urged to do so before or during the early part of Clean-Up Week to make plans for its participation in the campaign.

Campaign Is City-Wide

The Y-12 Spring Clean-Up Week campaign is being conducted in connection with similar movements in other Carbide units and in the city of Oak Ridge. The Roane-Anderson Co. and the Oak Ridge Safety Council are cooperating in helping Oak Ridge citizens clean up their homes by providing pick-up service for trash and rubbish. A schedule has been worked out for the entire city and any type of rubbish will be re-

moved by trucks assigned to the job. It is requested that all residents place material to be taken away adjacent to the street or sidewalk at least one day in advance of the scheduled pickup.

Pick-Up Schedule Given

The schedule for the trash pick-up in Oak Ridge follows:

Monday, April 16—East Drive through Florida Ave.

Tuesday, April 17—Florida through New York Ave.

Wednesday, April 18—New York Ave. to Illinois Ave., to include Vermont Ave.

Thursday, April 19—Illinois Ave. to Salem Road, including Garden Apartment area.

Friday, April 20—Neighborhoods No. 10 and No. 11.

The schedule will be repeated the following week on the same days.

'Fun With Fluorine' Topic Of Headlines Radio Program

"Fun With Fluorine" will be topic on the weekly broadcast Headlines in Chemistry to be presented over Oak Ridge Radio Station WATO Sunday night. The broadcast, sponsored by the East Tennessee Section of the American Chemical Society, is scheduled from 9:15 p. m., to 9:30 p. m.

Dr. Robert Lafferty, of K-25, will be the principal speaker with Warren Reysen, of Oak Ridge National Laboratory; and A. T. Morphew, of the Atomic Energy Commission as co-hosts.

Dr. Lafferty will discuss the chemical properties and uses of fluorine, the effects of liquid fluorine and the benefits, characteristics and uses of various compounds of the gas.

Being as snappy as a steel trap, implies knowing exactly when to shut up.

GOOD HOUSEKEEPING

A place for everything and everything in its place. A well-kept work area.



Northwestern Man Will Speak At Analytical Group Meeting

Prof. Malcolm Dole, of Northwestern University, Evanston, Ill., will address the Analytical Group of the East Tennessee Section of the American Chemical Society next Wednesday night, April 18. The meeting will be held at 6 o'clock in the gymnasium of the Woodland School in Oak Ridge.

Professor Dole will speak on "The Origin of Atmospheric Oxygen." A large delegation of Y-12 members of the group is expected to attend the meeting.

Y-12 Scientist Will Address Meeting Of Physics Seminar

Dr. Alexander Zucker, of the Y-12 Electromagnetic Research Division, will be the principal speaker at the weekly meeting of the Oak Ridge Physics Seminar Friday afternoon, April 13. The meeting will be held at 4

Dr. Willard To Get Prized Fisher Award

Dr. Hobart Hurd Willard, consultant in analytical chemistry since the autumn of 1950, for Carbide units in Oak Ridge will receive the coveted Fisher Award at the Cleveland, Ohio, meeting of the American Chemical Society, being held this week. Several Y-12ers are attending the meeting.

The Fisher Award is presented annually to recognize and encourage the outstanding contributions to the science of analytical chemistry, pure or applied, carried out in the United States or Canada. The Fisher Award carries a cash prize of \$1,000 and is presented by the Fisher Scientific Company.

Dr. Hurd paid his first visit to Oak Ridge as Carbide consultant during the week of October 23, 1950, and addressed the East Tennessee Section of the American Chemical Society both in Oak Ridge and Knoxville during the visit. He is a native of Erie, Pa., and received his education at the University of Michigan where he later taught, retiring after 45 years of classroom work.

The Y-12ers attending the Cleveland meeting of the ASC are C. J. Barton, F. J. Hurst, Keith Brown, George J. Nessel and Warren Grimes, of the Materials Chemistry Division; J. C. White and J. W. Robinson, Analytical Chemistry Division; and Arthur Weinberger, Electromagnetic Research Division.

o'clock in the East Lounge of the Ridge Recreation Hall.

Dr. Zucker's topic will be "Separation and Bombardment of Neon and Argon Isotopes." All Y-12 technical and scientific personnel interested in the subject are invited to attend the meeting.

The number of times the average man says no to temptation is once weakly.